09826329.071201

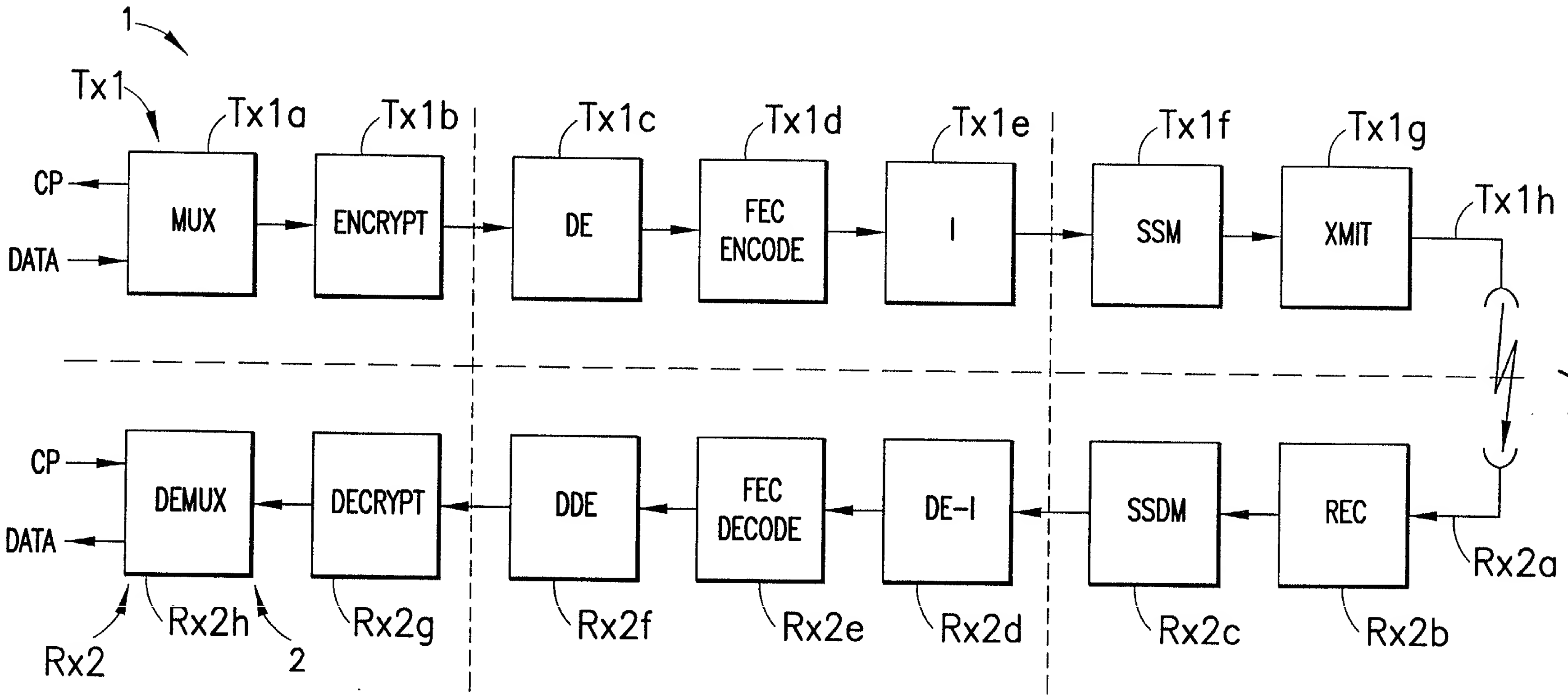
1
Tx1
Tx1a
Tx1b
Tx1c
Tx1d
Tx1e
Tx1f
Tx1g
Tx1h
CP
DATA
MUX
ENCRYPT
DE
FEC
ENCODE
I
SSM
XMIT
CP
DATA
DEMUX
DECRYPT
DDE
FEC
DECODE
DE-I
SSDM
REC
Rx2a
Rx2b
Rx2c
Rx2d
Rx2e
Rx2f
Rx2g
Rx2h
Rx2
2

FIG.1
PRIOR ART

09826329.071201

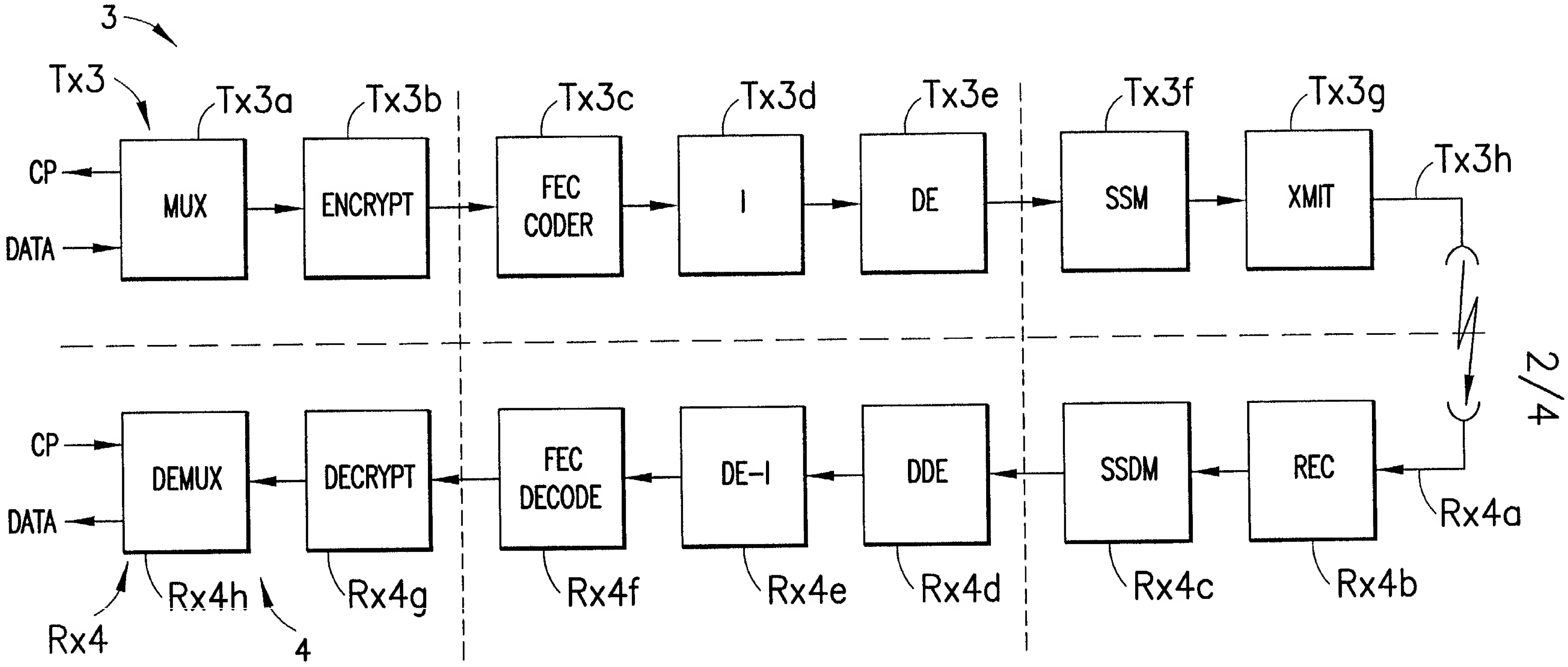
3
Tx3
Tx3a
Tx3b
Tx3c
Tx3d
Tx3e
Tx3f
Tx3g
Tx3h
CP
DATA
MUX
ENCRYPT
FEC
CODER
I
DE
SSM
XMIT
CP
DATA
DEMUX
DECRYPT
FEC
DECODE
DE-I
DDE
SSDM
REC
Rx4a
Rx4
Rx4h
4
Rx4g
Rx4f
Rx4e
Rx4d
Rx4c
Rx4b

FIG.2

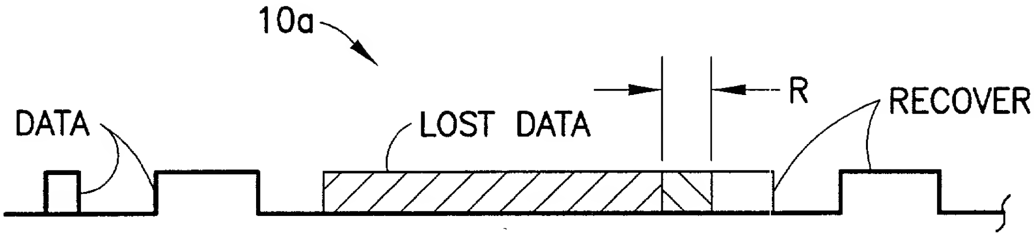
10a
DATA
LOST DATA
R
RECOVERED DATA

FIG.3a

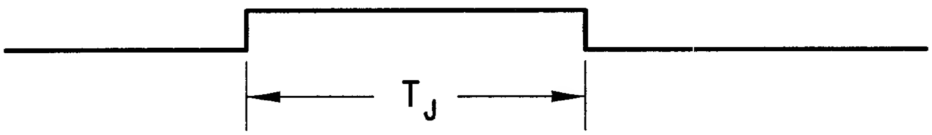

FIG.3b

09529560 .102700

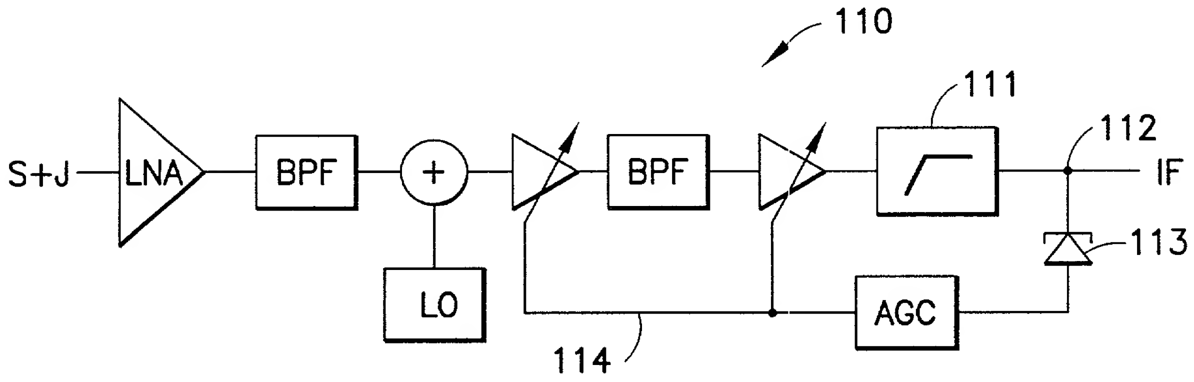
110
S+J
LNA
BPF
+
LO
BPF
111
112
IF
113
AGC
114

FIG.4

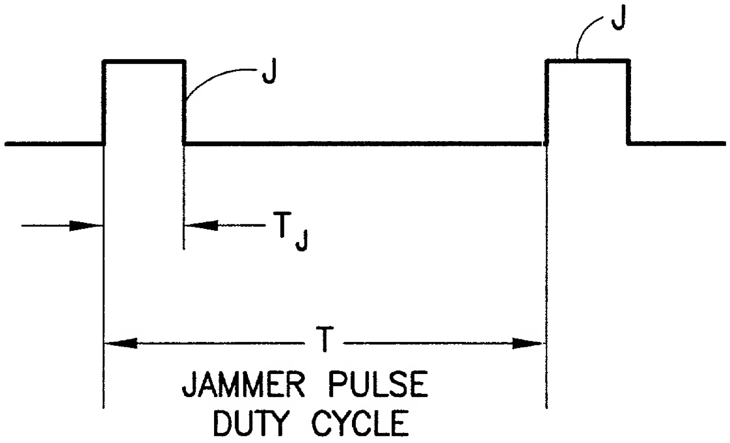
J
J
T_J
T
JAMMER PULSE
DUTY CYCLE

FIG.5

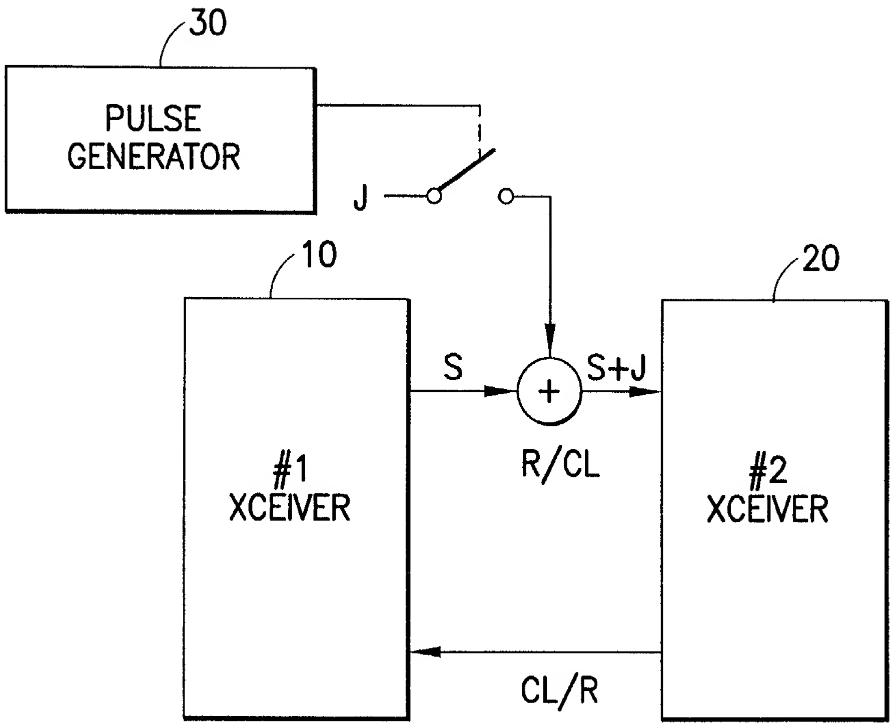
30
PULSE GENERATOR
J
10
#1 XCEIVER
S
S+J
R/CL
20
#2 XCEIVER
CL/R

FIG.6

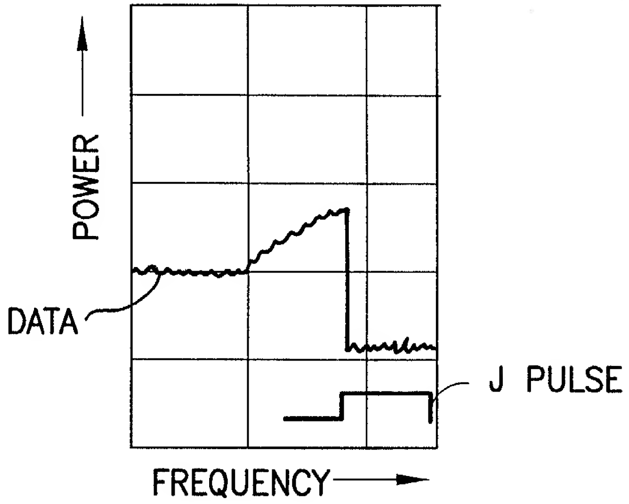

FIG.7

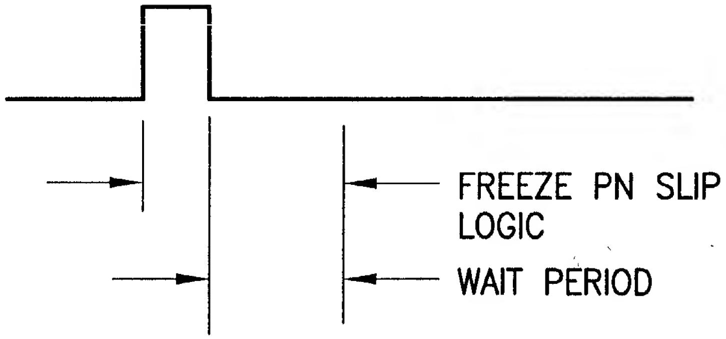
FREEZE PN SLIP LOGIC
WAIT PERIOD

FIG.8